

Photovoltaic panel joints structural adhesive waterproofing

How can Sika help with a solar PV roof?

Sika can advise how to make your solar PV roof perform optimally, ensuring not only that the PV panels are mounted correctly, but also that the entire roof assembly is designed incorporating vapor retarders where required, proper insulation layers, appropriate fastening technology, correct detailing and more.

What type of membrane is used for bifacial solar panels?

Light-colored membranes for bifacial solar panels - White-colored single ply or liquid applied membranes with high reflectivity can be used as a substrate for the placement of bi-facial solar systems.

What is SikaShield® pure-air roof membrane?

As the battle against these pollutants intensifies, Sika introduces its innovative solution: the SikaShield® Pure-Air roof membrane. Cool roofs are one of the most effective and easiest solutions to increase the thermal comfort of buildings and reduce cooling costs in hot climate countries with high solar radiation and outdoor temperatures.

What is a mechanically fixed solar installation?

In a mechanically fixed installation, the solar array is attached to a fitting that has a direct connection to the building structure. All wind loads are transferred to the structure. The ROOFTRAK® IFP is a product that helps to enable mechanically fixed solar installations whilst removing some of the disadvantages.

Geocel 4600 Hybrid Structural Adhesive Sealant *This is a special order product - subject to return restrictions. Estimated lead time is 7 ~ 10 days. Geocel 4600 Structural Adhesive Sealant provides a long-lasting, waterproof seal on many ...

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Flashing is the process of using roof-compatible, waterproof materials to keep water from penetrating a roof system at penetrations, joints, horizontal-to-vertical intersections and so forth. Generally speaking, effective flashing requires ...

If you're installing solar panel arrays on a metal or concrete roof, eliminate the need to drill holes. Our adhesives securely attach photovoltaic solar panel mounting rails to the rooftop without damaging the roof's structural integrity or ...

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